

#6

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/832,723

DATE: 08/28/2001

TIME: 11:55:05

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

ENTERED

p. 5

4 <110> APPLICANT: Estell, David A.
5 Chen, Yiyou
6 Murray, Christopher J.
7 Tijerina, Pilar
9 <120> TITLE OF INVENTION: METHODS FOR SELECTIVE TARGETING
11 <130> FILE REFERENCE: GC617-2
13 <140> CURRENT APPLICATION NUMBER: US 09/832,723
14 <141> CURRENT FILING DATE: 2001-04-11
16 <150> PRIOR APPLICATION NUMBER: US 60/197,259
17 <151> PRIOR FILING DATE: 2000-04-14
19 <160> NUMBER OF SEQ ID NOS: 117
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 21
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: primer
31 <400> SEQUENCE: 1
32 cctcgaaagc aagctgataa c 21
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 23
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: primer
42 <400> SEQUENCE: 2
43 cattccacag acaaccctca tag 23
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 7
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: peptides screened from a phage display random
52 peptide library
54 <400> SEQUENCE: 3
55 Arg Tyr Trp Gln Asp Ile Pro
56 1 5
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 7
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: peptides screened from a phage display random
65 peptide library
67 <400> SEQUENCE: 4
68 Ala Pro Glu Pro Ile Leu Ala

RAW SEQUENCE LISTING

DATE: 08/28/2001

PATENT APPLICATION: US/09/832,723

TIME: 11:55:05

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

```

69 1 5
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 7
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: peptides screened from a phage display random
78 peptide library
80 <400> SEQUENCE: 5
81 Asp Met Ile Met Val Ser Ile
82 1 5
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 7
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: peptides screened from a phage display random
91 peptide library
93 <400> SEQUENCE: 6
94 Trp Thr Pro Lys Pro Thr Gln
95 1 5
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 7
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: peptides screened from a phage display random
104 peptide library
106 <400> SEQUENCE: 7
107 Ala Thr Phe Pro Asn Gln Ser
108 1 5
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 7
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: peptides screened from a phage display random
117 peptide library
119 <400> SEQUENCE: 8
120 Ala Ser Thr Val Gly Gly Leu
121 1 5
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 7
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: peptides screened from a phage display random
130 peptide library
132 <400> SEQUENCE: 9

```

RAW SEQUENCE LISTING

DATE: 08/28/2001

PATENT APPLICATION: US/09/832,723

TIME: 11:55:05

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

133 Thr Met Leu Pro Tyr Arg Pro
134 1 5
136 <210> SEQ ID NO: 10
137 <211> LENGTH: 7
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: peptides screened from a phage display random
143 peptide library
145 <400> SEQUENCE: 10
146 Ala Trp His Ser Pro Ser Val
147 1 5
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 7
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: peptides screened from a phage display random
156 peptide library
158 <400> SEQUENCE: 11
159 Leu Thr Gln Ser Phe Ser Ser
160 1 5
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 7
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: peptides screened from a phage display random
169 peptide library
171 <400> SEQUENCE: 12
172 Thr His Lys Asn Thr Leu Arg
173 1 5
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 7
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: peptides screened from a phage display random
182 peptide library
184 <400> SEQUENCE: 13
185 Gly Gln Thr His Phe His Val
186 1 5
188 <210> SEQ ID NO: 14
189 <211> LENGTH: 7
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: peptides screened from a phage display random
195 peptide library

RAW SEQUENCE LISTING

DATE: 08/28/2001

PATENT APPLICATION: US/09/832,723

TIME: 11:55:05

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

```

197 <400> SEQUENCE: 14
198 Leu Pro Ile Leu Thr Gln Thr
199 1 5
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 7
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: peptides screened from a phage display random
208 peptide library
210 <400> SEQUENCE: 15
211 Ser Ile Leu Pro Val Ser His
212 1 5
214 <210> SEQ ID NO: 16
215 <211> LENGTH: 7
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: peptides screened from a phage display random
221 peptide library
223 <400> SEQUENCE: 16
224 Leu Ser Gln Pro Ile Pro Ile
225 1 5
227 <210> SEQ ID NO: 17
228 <211> LENGTH: 7
229 <212> TYPE: PRT
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: peptides screened from a phage display random
234 peptide library
236 <400> SEQUENCE: 17
237 Gln Pro Leu Arg Lys Leu Pro
238 1 5
240 <210> SEQ ID NO: 18
241 <211> LENGTH: 12
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: peptides screened from a phage display random
247 peptide library
249 <400> SEQUENCE: 18
250 His Pro Ala Ser Gln Thr Phe Thr Phe Thr Arg Thr
251 1 5 10
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 12
255 <212> TYPE: PRT
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: peptides screened from a phage display random

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/832,723

DATE: 08/28/2001

TIME: 11:55:05

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

```

260      peptide library
262 <400> SEQUENCE: 19
263 Asn Ser Asp Val Leu Phe Lys Pro Tyr Pro Met Phe
264 1          5          10
266 <210> SEQ ID NO: 20
267 <211> LENGTH: 12
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: peptides screened from a phage display random
273      peptide library
275 <400> SEQUENCE: 20
276 Ser Ile Ser Ser Thr Pro Arg Ser Tyr His Trp Thr
277 1          5          10
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 12
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: peptides screened from a phage display random
286      peptide library
288 <400> SEQUENCE: 21
289 Thr Pro Ser Thr Met Pro Pro Ser Leu Pro Leu Arg
290 1          5          10
292 <210> SEQ ID NO: 22
293 <211> LENGTH: 12
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: peptides screened from a phage display random
299      peptide library
301 <400> SEQUENCE: 22
302 Thr Pro Asp Lys Asp Thr Met Ser Pro Pro Val Pro
303 1          5          10
305 <210> SEQ ID NO: 23
306 <211> LENGTH: 12
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: peptides screened from a phage display random
312      peptide library
314 <400> SEQUENCE: 23
315 His Leu Pro Val Arg Ile Thr Asp Trp Phe His His
316 1          5          10
318 <210> SEQ ID NO: 24
319 <211> LENGTH: 12
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/832,723

DATE: 08/28/2001

TIME: 11:55:06

Input Set : A:\GC617-2-SEQLIST.txt

Output Set: N:\CRF3\08282001\I832723.raw

L:648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74